

FIG. 1

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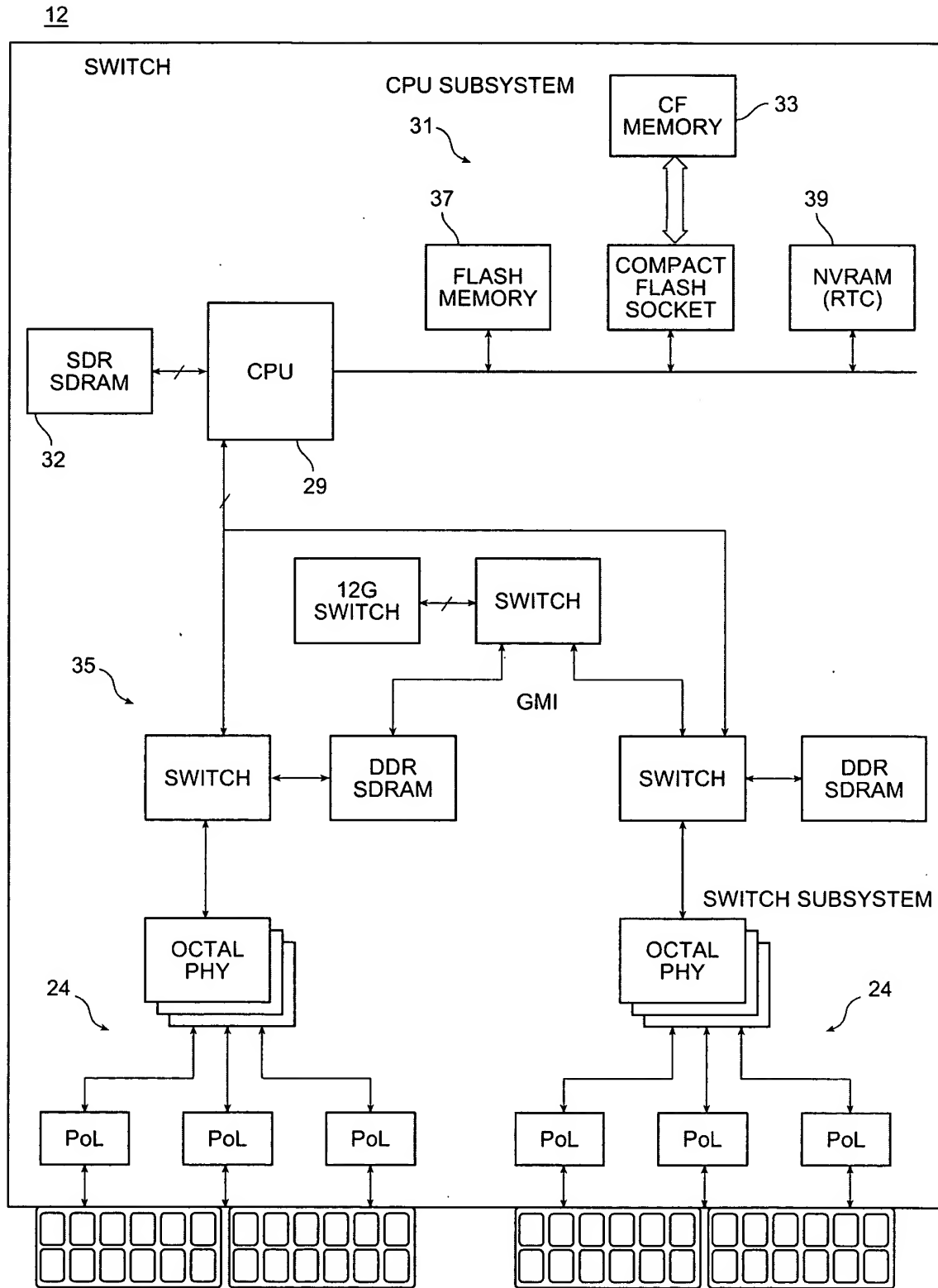


FIG. 2

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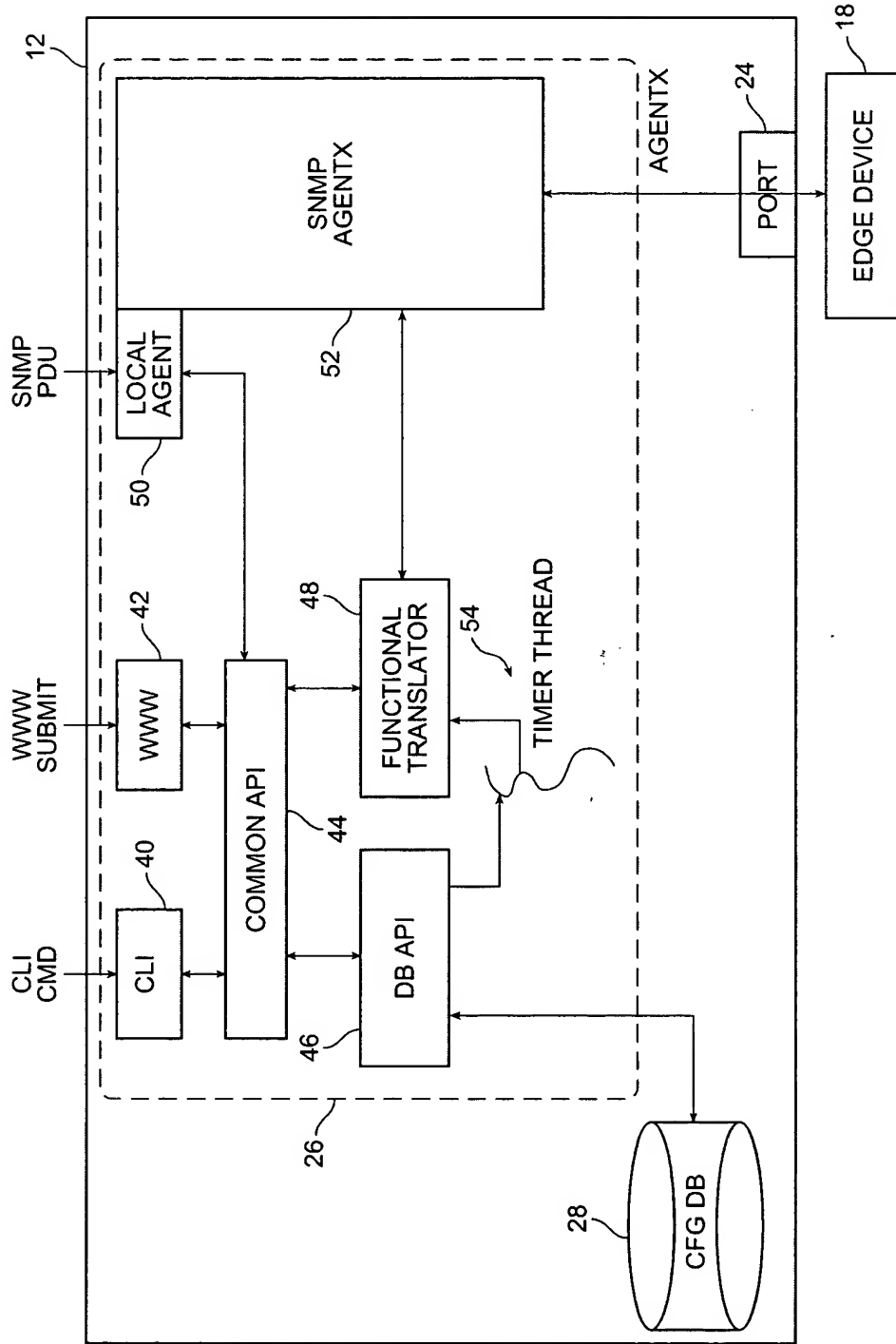


FIG. 3

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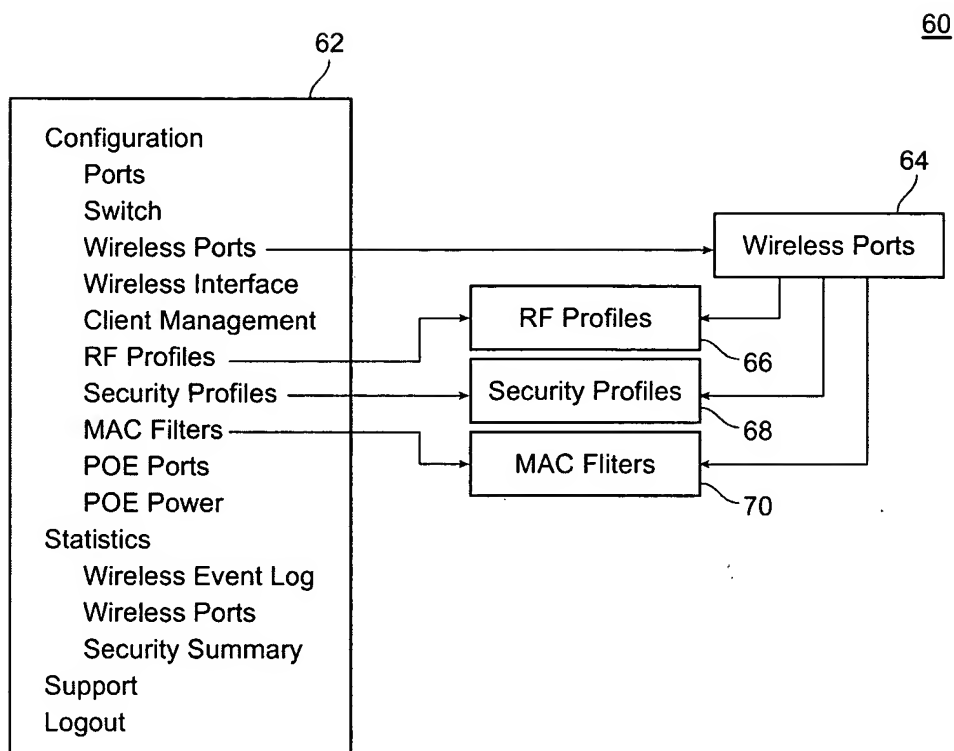


FIG. 4

Configuration

☐ IP Forwarding

☐ Ports

☐ Quality of Service

☐ SNMP

☐ Spanning Tree

☐ RADIUS

☐ Wireless Port

☐ Wireless Interface

☐ Spanning Tree

☐ RADIUS

☐ Wireless Port

☐ Wireless Interface

☐ Security Profile

☐ RF Profile

☐ POE Ports

☐ POE Power

☐ Switch

☐ User Accounts

☐ Virtual LAN

Statistics

Support

Logout

Wireless Port Configuration

Port Number	Hardware Version	Serial Number	Status	IP Address	Location	Timeout	Health Check	Bridging	MAC Address
1:1	-	-	DIS	192.168.0.100	Location Unknown	600	on	on	00:00:00:00:00:00
1:2	-	-	DIS	192.168.0.101	Location Unknown	600	on	on	00:00:00:00:00:00
1:3	-	-	DIS	192.168.0.102	Location Unknown	600	on	on	00:00:00:00:00:00
1:4	-	-	EN	10.211.32.116	Location Unknown	600	on	on	00:00:00:00:00:00
1:5	-	-	DIS	192.168.0.104	Location Unknown	600	on	on	00:00:00:00:00:00
1:6	-	-	DIS	192.168.0.105	Location Unknown	600	on	on	00:00:00:00:00:00
1:7	-	-	DIS	192.168.0.106	Location Unknown	600	on	on	00:00:00:00:00:00
1:8	-	-	DIS	192.168.0.107	Location Unknown	600	on	on	00:00:00:00:00:00
1:48	-	-	DIS	192.168.0.147	Location Unknown	600	on	on	00:00:00:00:00:00

Configure Wireless Port Parameters

Port Name

1.1

Get

IP Address	Location	Timeout	Health Check	Bridging
192.168.0.100	Unknown Location	600	on	on

Submit

Manage Wireless Port

Port Number

1.1

Management Action

☐ Reset ☐ Enable ☐ Disable ☐ Clear Counter ☐ Clear Logs

FIG. 5

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<div>Configuration</div> <div> <input type="radio"/> IP Forwarding <input type="radio"/> Ports <input type="radio"/> Quality of Service <input type="radio"/> SNMP <input type="radio"/> Spanning Tree <input type="radio"/> RADIUS <input type="radio"/> Wireless Port <input type="radio"/> Wireless Interface </div> <div> <input type="radio"/> Spanning Tree <input type="radio"/> RADIUS <input type="radio"/> Wireless Port <input type="radio"/> Wireless Interface <input type="radio"/> Security Profile <input type="radio"/> RF Profile <input type="radio"/> POE Ports <input type="radio"/> POE Power <input type="radio"/> Switch <input type="radio"/> User Accounts <input type="radio"/> Virtual LAN </div> <div> <div>Statistics</div> <div>Support</div> <div>Logout</div> </div>	<div>RF Profile</div> <div> Create Profile <input type="text"/> From <input type="text" value="DEFAULT_BG"/> <input type="button" value="Create"/> </div> <div> Delete Profile <input type="text" value="DEFAULT_G"/> <input type="button" value="Delete"/> </div>
	<div>Configure RF Profile</div> <div> Profile Name <input type="text" value="DEFAULT_A"/> <input type="button" value="Get"/> </div> <div> Current Interfaces <input type="text" value="1:1:1, 1:2:1, 1:3:1, 1:4:1, 1:5:1, 1:6:1, 1:7:1, 1:8:1, 1:9:1, 1:10:1, 1:11:1, 1:12:1, 1:13:1, 1:14:1, 1:15:1, 1:16:1, 1:17:1, 1:18:1, 1:19:1, 1:20:1, 1:21:1, 1:22:1, 1:23:1, 1:24:1, 1:25:1, 1:26:1, 1:27:1, 1:28:1, 1:29:1, 1:30:1, 1:31:1, 1:32:1, 1:33:1, 1:34:1, 1:35:1, 1:36:1, 1:37:1, 1:38:1, 1:39:1, 1:40:1, 1:41:1, 1:42:1, 1:43:1, 1:43:2, 1:44:1, 1:45:1, 1:46:1, 1:47:1, 1:48:1"/> </div> <div> Maximum No. of Clients <input type="text" value="64"/> </div> <div> Mode <input type="text" value="A"/> </div> <div> ESS Name <input type="text" value="DEFAULT_ESS"/> </div> <div> Beacon Interval <input type="text" value="40"/> Kusec </div> <div> DTIM <input type="text" value="2"/> packets </div> <div> Fragmentation Length <input type="text" value="2345"/> bytes </div> <div> RTS Threshold <input type="text" value="2330"/> bytes </div> <div> Preamble <input checked="" type="radio"/> short <input type="radio"/> long </div> <div> Short Retry <input type="text" value="4"/> </div> <div> Long Retry <input type="text" value="7"/> </div> <div> <input type="button" value="Submit"/> </div>

FIG. 6

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<div>Configuration</div> <div> <input type="radio"/> IP Forwarding <input type="radio"/> Ports <input type="radio"/> Quality of Service <input type="radio"/> SNMP <input type="radio"/> Spanning Tree <input type="radio"/> RADIUS <input type="radio"/> Wireless Port <input type="radio"/> Wireless Interface </div> <div> <input type="radio"/> Spanning Tree <input type="radio"/> RADIUS <input type="radio"/> Wireless Port <input type="radio"/> Wireless Interface <input type="radio"/> Security Profile <input type="radio"/> RF Profile <input type="radio"/> POE Ports <input type="radio"/> POE Power <input type="radio"/> Switch <input type="radio"/> User Accounts <input type="radio"/> Virtual LAN </div> <div> <div>Statistics</div> <div>Support</div> <div>Logout</div> </div>	<div>Security Profile</div> <div> Create Profile <input type="text"/> From <input type="text" value="Unsecure"/> <input type="button" value="Create"/> </div> <div> Delete Profile <input type="text" value="dot1x-sec"/> <input type="button" value="Delete"/> </div>
	<div>Configure Security Profile</div> <div> Profile Name <input type="text" value="Unsecure"/> <input type="button" value="Get"/> </div> <div> Current Interfaces <input type="text" value="1:1:1, 1:1:2, 1:2:1, 1:2:2, 1:3:1, 1:3:2, 1:4:1, 1:5:1, 1:5:2, 1:6:1, 1:6:2, 1:7:1, 1:7:2, 1:8:1, 1:8:2, 1:9:1, 1:9:2, 1:10:1, 1:10:2, 1:11:1, 1:11:2, 1:12:1, 1:12:2, 1:13:1, 1:13:2, 1:14:1, 1:14:2, 1:15:1, 1:15:2, 1:16:1, 1:16:2, 1:17:1, 1:17:2, 1:18:1, 1:18:2, 1:19:1, 1:19:2, 1:20:1, 1:20:2, 1:21:1, 1:21:2, 1:22:1, 1:22:2, 1:23:1, 1:23:2, 1:24:1, 1:24:2, 1:25:1, 1:25:2, 1:26:1, 1:26:2, 1:27:1, 1:27:2, 1:28:1, 1:28:2, 1:29:1, 1:29:2, 1:30:1, 1:30:2, 1:31:1, 1:31:2, 1:32:1, 1:32:2, 1:33:1, 1:33:2, 1:34:1, 1:34:2, 1:35:1, 1:35:2, 1:36:1, 1:36:2, 1:37:1, 1:37:2, 1:38:1, 1:38:2, 1:39:1, 1:39:2, 1:40:1, 1:40:2, 1:41:1, 1:41:2, 1:42:1, 1:42:2, 1:43:1, 1:43:2, 1:44:1, 1:44:2, 1:45:1, 1:45:2, 1:46:1, 1:46:2, 1:47:1, 1:47:2, 1:48:1, 1:48:2"/> </div> <div> SSID In Beacon <input type="text" value="on"/> </div> <div> Encryption Length <input type="text" value="128"/> </div> <div> Web Netlogin <input type="text" value="off"/> </div>
	<div>Configure WEP</div> <div> WEP Authentication <input type="text" value="off"/> </div> <div> WEP VLAN <input type="text" value="Default"/> </div> <div> <input type="button" value="Configure WEP Keys"/> </div>
	<div>Configure Dot1x</div> <div> Dot1x Authentication <input type="text" value="none"/> </div> <div> Dot1x Authentication Suite <input checked="" type="radio"/> 802.1X EAP <div> <input type="radio"/> Pre-Shared Key <div> <input type="radio"/> Key <input type="text"/> </div> <input type="radio"/> Password <input type="text"/> </div> <div> <input type="text" value="VLAN"/> <input type="button" value="VLAN"/> </div> </div> <div> Multicast Cypher <input type="text" value="WEP"/> </div> <div> Reauth Period <input type="text" value="3600"/> </div> <div> Group Udate Timer <input type="text" value="15"/> </div> <div> Pairwise Update Timer <input type="text" value="15"/> </div> <div> <input type="button" value="Submit"/> </div>

FIG. 7

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MAC Filter Management

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Create MAC Filter

Delete MAC Filter

Set Default Filter Action ☐ Permit ☐ Deny

Configure MAC Filter

Configure MAC Filter

Learned	Action	Managed
<input type="text"/>	<input type="button" value="Add Permit →"/>	
	<input type="button" value="Add Deny →"/>	<input type="text"/>
MAC <input type="text"/>	<input type="button" value="← Remove"/>	

FIG. 8

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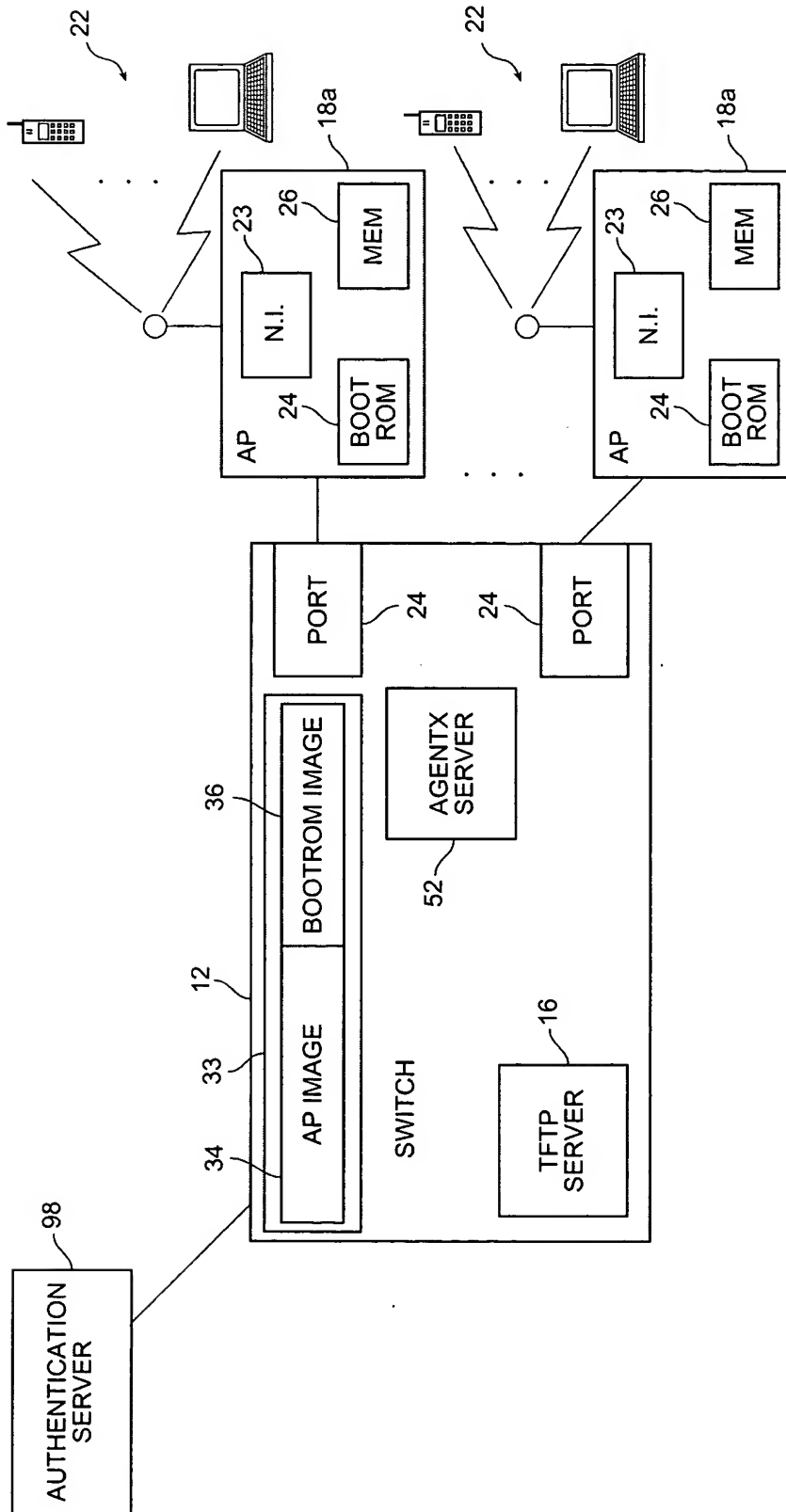


FIG. 9

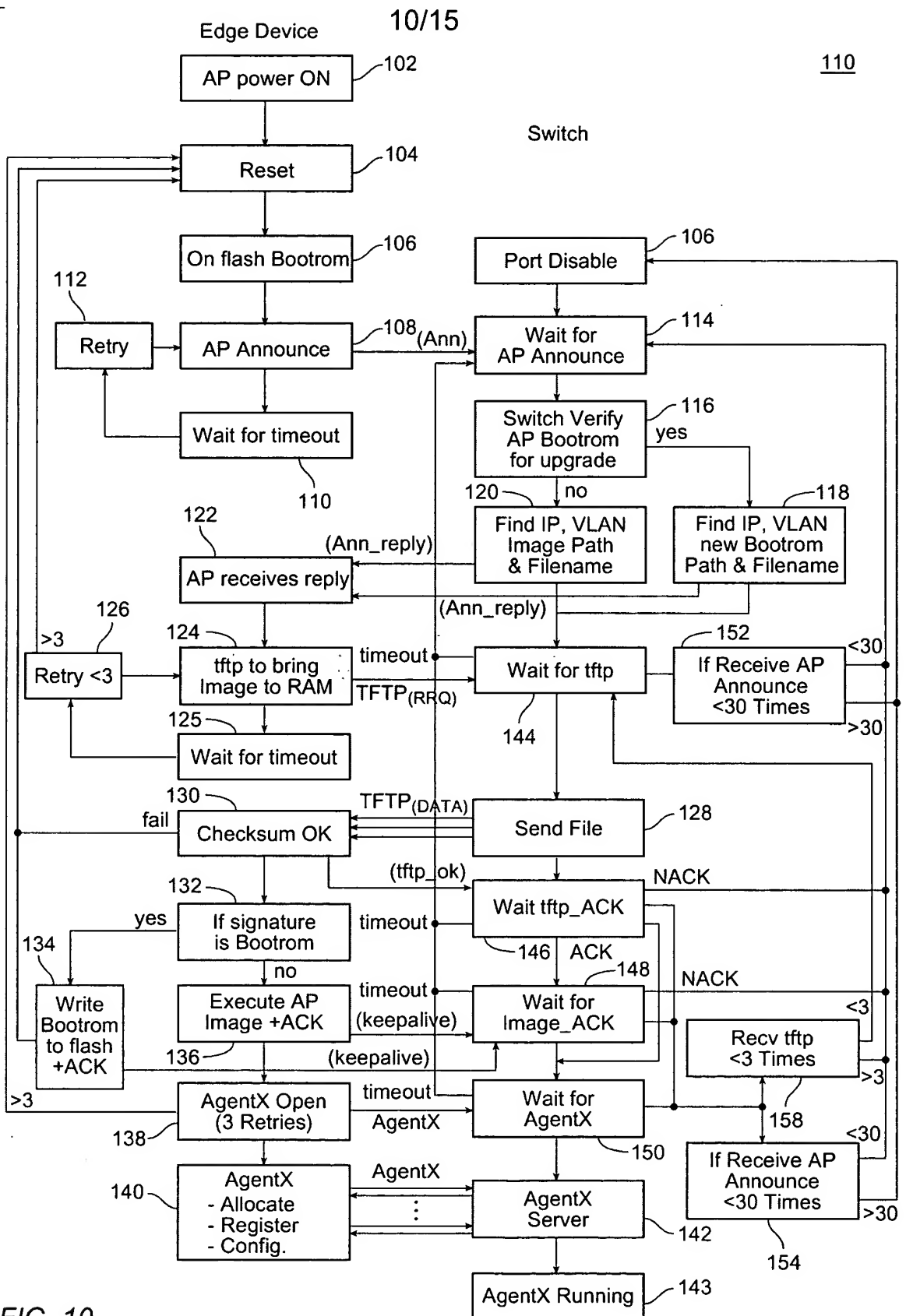


FIG. 10

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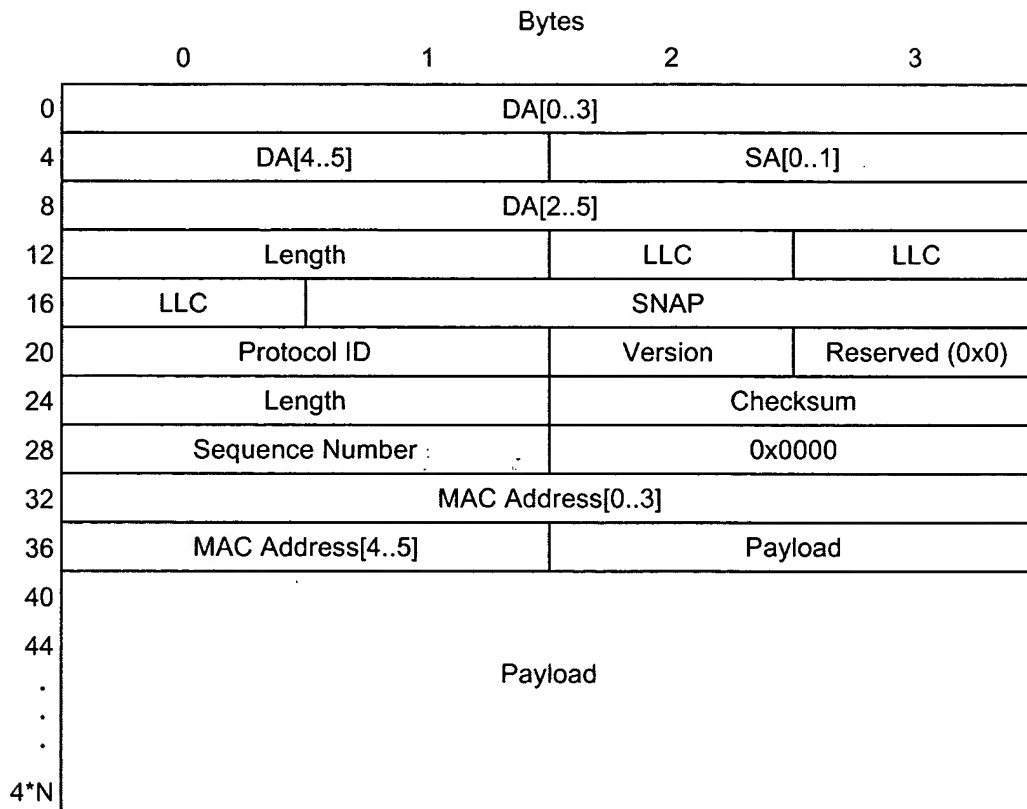


FIG. 11

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Bytes				
	0	1	2	3
0	0x99	AP_Announce	Length	
4	Hardware ID[0..3]			
8	Hardware ID[4..7]			
12	Hardware ID[8..11]			
16	Hardware ID[12..15]			
20	HW Major Rev.	HW Minor Rev.	HW Build#	
24	Boot Major Rev.	Bootrom Minor Rev.	Bootrom Build#	
28	Serial number[0..3]			
32	Serial number[4..7]			
36	Serial number[8..9]		AP Ethernet MAC[0..1]	
40	AP Ethernet MAC[2..5]			
44	HW_POST_STATUS			
48	HW_POST_OK			

FIG. 12

	Bytes			
	0	1	2	3
0	0x99	Announce_Reply	Length	
4	AP IP Address			
8	AP IP Mask	Use_VLAN_TAG	VLAN Tag	
12	Default Gateway			
16	Switch IP Address			
20	AgentX Port		Physical SW Port if_index	
24	Keep-Alive Period	Image Type	Reserved	
28	Boot URL			
32	Boot URL			
36	Boot URL			

FIG. 13

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Bytes				
	0	1	2	3
0	0x99	Renew_Config	Length	
4	AP IP Address			
8	AP IP Mask	Use_VLAN_TAG	VLAN Tag	
12	Default Gateway			
16	Switch IP Address			
20	AgentX Port		Physical SW Port index	
24	Keep-Alive Period	Reserved 8	Reserved 16	

FIG. 14

	Bytes			
	0	1	2	3
0	0x99	TFTP_OK	Length	
4	Image Type	Status	Retry #	Reserved

FIG. 15

	Bytes			
	0	1	2	3
0	0x99	AP_Keep_Alive	Length	

FIG. 16

	Bytes			
	0	1	2	3
0	0x99	AP_Reset	Length	

FIG. 17

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Configuration

☐ IP Forwarding
 ☐ Ports
 ☐ Quality of Service
 ☐ SNMP
 ☐ Spanning Tree
 ☐ RADIUS
 ☐ Wireless Port
 ☐ Wireless Interface

☐ Spanning Tree
 ☐ RADIUS
 ☐ Wireless Port
 ☐ Wireless Interface
 ☐ Security Profile
 ☐ RF Profile
 ☐ POE Ports
 ☐ POE Power
 ☐ Switch
 ☐ User Accounts
 ☐ Virtual LAN

Statistics

Support

Logout

Wireless Port Configuration

Port Number	Interface Number	Status	Channel	Tx Speed	Power	RF Profile	Security Profile
1:2	1	Enabled	0	54	FULL	DEFAULT_A	Unsecure
1:2	2	Enabled	0	11	FULL	DEFAULT_BG	Unsecure
1:3	1	Enabled	0	54	FULL	DEFAULT_A	Unsecure
1:3	2	Enabled	0	11	FULL	DEFAULT_BG	Unsecure
1:4	1	Disabled	6	54	FULL	DEFAULT_A	Unsecure
1:4	2	Enabled	0	11	FULL	DEFAULT_BG	dot1x-sec
1:5	1	Enabled	0	54	FULL	DEFAULT_A	Unsecure
1:5	2	Enabled	0	11	FULL	DEFAULT_BG	Unsecure
1:5	1	Enabled	0	54	FULL	DEFAULT_A	Unsecure
1:6	2	Enabled	0	11	FULL	DEFAULT_BG	Unsecure
...							
1:48	2	Enabled	0	11	FULL	DEFAULT_BG	Unsecure

Configure Wireless Interface Parameters

Port Number

1.1

Interface Number

1

Get

Channel	TxSpeed	Power	RF Profile	Security Profile
0(AUTO)	54	FULL	DEFAULT_A	Unsecure

Submit

Manage Wireless Interface

Port Number	Interface Number	Management Action
1.1	1	<input type="radio"/> Enable <input type="radio"/> Disable <input type="radio"/> Reset

Submit

FIG. 18

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Configuration

Statistics

○ Event Log

○ Wireless Event Log

○ Wireless Port

○ FDB

○ IP ARP

○ IP Configuration

○ IP Route

○ IP Statistics

○ Ports

○ Port Collisions

○ Port Errors

○ Port Utilization

○ Spanning Tree

○ Switch

○ Wireless Interface

○ Statistics Dot11

○ Wireless Interface

○ Statistics MIB2

○ Client Management

Support

Logout

Client Management

Port Number

1.1

 Interface Number

1

Get

MAC	Wireless Port	Wireless Interface	State	Encryption Type	Auth Type	Auth Time	Signal Strength	ESS ID	VLAN ID	Bytes To	Bytes From
	1:1	1					0		0	0	0

Force Disassociation

Force

FIG. 19